

# Ravatherm **ETICS 30**

Ravatherm ETICS board, which contains complex fiber structure formed by interlocked fibers inside, creates resistance to withstand high pressure in lower densities. The structure of ETICS board fiber makes the APPLICATION of overcoating on the stonewool more resistant and strong. Through, the load capacity on the construction and surface increases.

## **P USING PLACES**

Used at outside of the buildings under the stucco for heat, sound insulation and fire protection.

## **A APPLICATION**

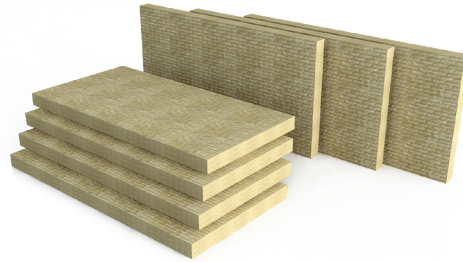
Boards are stuck with the cement based adhesive daub on the smooth surface..

**My  
Choice**  
Ravatherm  
Etics Board





# Ravatherm ETICS 30



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## Technical Data Sheet

Properties	Symbol	Unit	Tolerance	TS EN 13162	Standart
<b>Material</b>	<b>MW</b>				<b>TS EN 13162</b>
Compressive Strength (%10 Deformation)	CS (10/Y)	kPa		30	TS EN 826
Length	l	mm	(+,-) %2	1200	TS EN 822
Width	b	mm	(+,-) %1,5	600	TS EN 822
Determination of Squareness	S <sub>b</sub>	mm	Maksimum 5 mm	2 mm	TS EN 824
Determination of Flatness	S <sub>maximum</sub>	mm	Maksimum 3 mm	1,8 mm	TS EN 825
Determination of Dimensional Stability	DS (T+)	mm	%	< 1	TS EN 1604
Point Load		N		200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200	TS EN 826
Thickness	d <sub>n</sub>	mm	(- 3, +5 )	30 40 50 60 70 80 90 100 110 120 130 140 150 160 170	TS EN 823
Thermal Resistance	R <sub>D</sub>	m²K/W		0,86 1,14 1,43 1,71 2,00 2,29 2,57 2,86 3,14 3,43 3,71 4,00 4,29 4,57 4,86	TS EN 13162
Declared Thermal Conductivity (10 °C)	λ <sub>ORT</sub>	W/mK		max 0,035	TS EN 12667
Reaction to fire			A1	A1	TS EN 13501-01
Max. Usage temperature		°C		720	
Melting Point		°C		> 1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ		1	1	TS EN 12086
Short Term Water Absorption	W <sub>p</sub>	kg/m²	< 1	< 1	TS EN 1609
Long Term Water Absorption	W <sub>IP</sub>	kg/m²	< 3	< 3	TS EN 12087
Certificates	CE ( SERT.NO:1020-CPD-010028090) ,ISO 9001,ISO 14001,ISO 18001,ISO 50001				
Product Key	MW-TS EN 13162-T4-DS(T+)				
Facing	Black or Yellow Glass Tissue				

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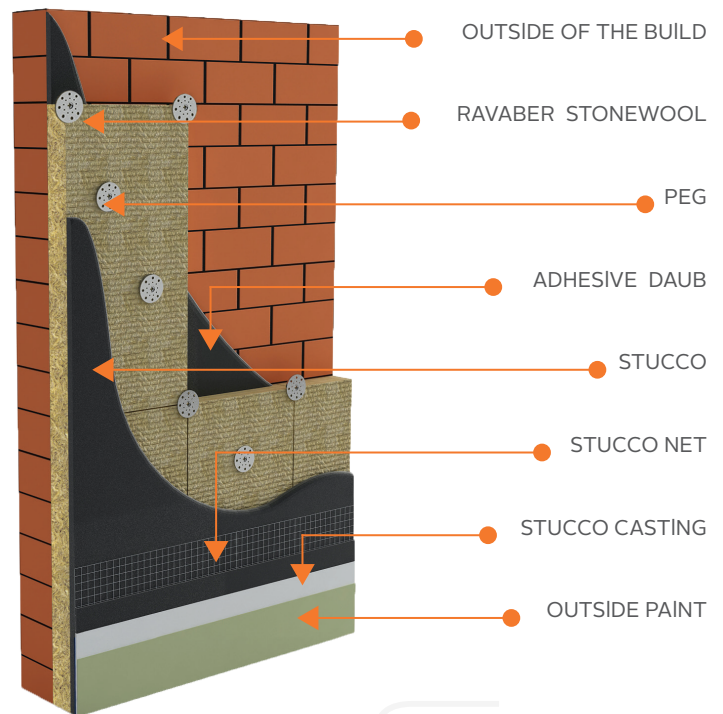


Thickness (mm)	Sizes (mm)	Board (m <sup>2</sup> )	Board/Pack	m <sup>2</sup> /Pack	Pack/Pallet	m <sup>2</sup> /Pallet	Pack/Truck	Pallet/Truck	m <sup>2</sup> /Truck
30	600 X 1200	0,72	8	5,76	20	115,2	440	22	2534,4
40		0,72	7	5,04	18	90,72	396	22	1995,84
50		0,72	4	2,88	26	74,88	572	22	1647,36
60		0,72	3	2,16	28	60,48	616	22	1330,56
70		0,72	3	2,16	24	51,84	528	22	1140,48
80		0,72	3	2,16	20	43,2	440	22	950,4
90		0,72	3	2,16	18	38,88	396	22	855,36
100		0,72	3	2,16	16	34,56	352	22	760,32
110		0,72	3	2,16	14	30,24	308	22	665,28
120		0,72	3	2,16	14	30,24	308	22	665,28
130		0,72	3	2,16	12	25,92	264	22	570,24
140		0,72	3	2,16	12	25,92	264	22	570,24
150		0,72	2	1,44	16	23,04	352	22	506,88
160		0,72	3	2,16	10	21,6	220	22	475,2
170		0,72	2	1,44	14	20,16	308	22	443,52

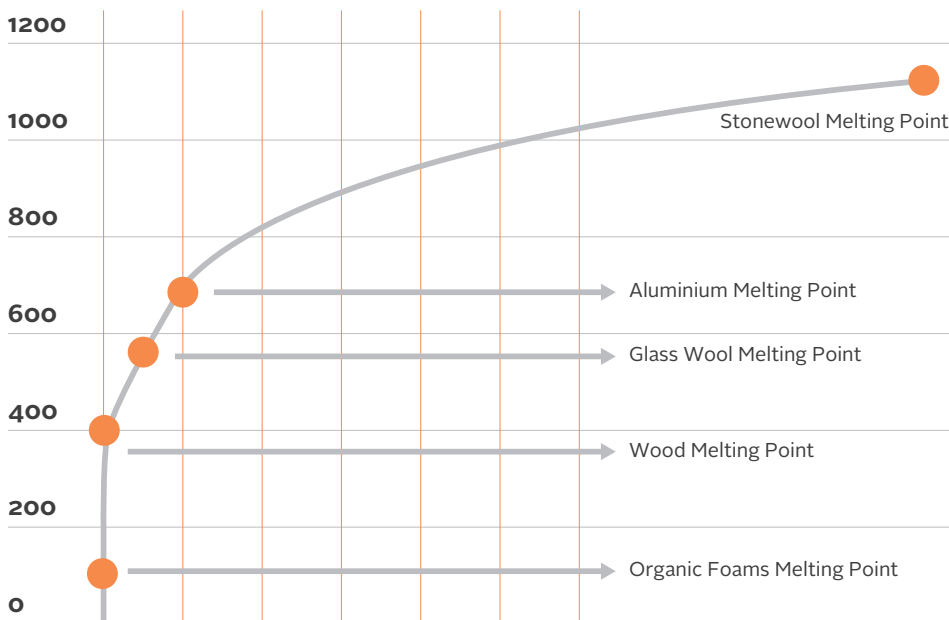


## TECHNICAL SPECIFICATIONS

- Bacteria and microorganism cannot live inside because of its inorganic structure.
- It is an ecological and eco-friendly product produced from natural raw material.
- Stonewool is a water-repellent insulation material because of its saturated (satiated) structure. It does not contain moisture because of its structure with vapour permeability.
- USING stonewool reduces the needs of fossil fuels. Therefore it alleviates global warming and climate change because the usage of stonewool reduces the carbon dioxide emission.
- Thanks to its strong and everlasting structure up to 1000°C Stonewool ensures fire protection which is critically important in life. It saves time for fire teams in fire-fighting, lifesaving and evacuation while it prevents the fire from spreading.
- Stonewool ensures a comfortable ambience because it performs acoustic insulation against negative external factors like sound, noise, etc.



## Temperature °C



RAVATHERM HUNGARY KFT.  
 8184 Balatonfűzfő, Almádi út 4.  
 PHONE: +36 88 59 69 79  
 FAX: +36 88 450 125  
 E-MAIL: info@ravatherm.com

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ravatherm.com